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(74) Agent: VERHAEGEN, Ilse, Maria, Michel; DSM Intel-
lectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).

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(71) Applicant (*for all designated States except US*): DSM IP
ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE
Heerlen (NL).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): SMEETS,
Theodorus, Maria [NL/NL]; Burgemeester Eussen-
straat 6, NL-6181 BP Elsloo (NL). LEMMENS, Joannes,
Albertus, Wilhelmus [NL/NL]; Willem II Singel 70,
NL-6041 HV Roermond (NL). MOSTERT, Frank
[NL/NL]; Meendaal 71, NL-6228 GG Maastricht (NL).

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(54) Title: CONTINUOUS PROCESS FOR PREPARING CAPROLACTAM

(57) Abstract: The invention relates to a continuous process for preparing caprolactam by Beckmann rearrangement of cyclohexanone oxime, said process comprising a) feeding (i) oleum and (ii) cyclohexanone oxime into a first reaction mixture comprising caprolactam, sulfuric acid and SO₃, b) feeding (iii) a portion of the first reaction mixture and (iv) cyclohexanone oxime into a second reaction mixture comprising caprolactam, sulfuric acid and SO₃, c) withdrawing a portion of the second reaction mixture, wherein the process further comprises obtaining the cyclohexanone oxime that is fed to the reaction mixtures by: 1) preparing an organic medium comprising cyclohexanone oxime dissolved in an organic solvent 2) separating, by distillation, cyclohexanone oxime from said organic medium.



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